

Daily Defence Current Affairs

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Army's Sapta Shakti Command Conducts Exercise

- Jaipur: The Indian Army's Sapta Shakti Command has conducted a large-scale combat exercise at the Mahajan Field Firing Range in the Thar Desert to assess war preparedness and operational capability of its formations.
- The exercise, carried out by the command's Ranbankura Division, aimed to refine tactical drills, strengthen inter-arms coordination, and test the integration of all units and sub-units in challenging battlefield conditions.
- The training also focused on command-and-control procedures, intelligence coordination, and the effective employment of drone platforms to enhance battlefield readiness, he said.
- The participating troops successfully validated operational plans, logistic capability and communication networks, demonstrating the division's high level of preparedness and adaptability to evolving threats, the spokesperson said.



Flight Tests of B61-12 Nuclear Gravity Bomb

- The United States has successfully concluded a series of critical stockpile flight tests of its B61-12 nuclear gravity bomb carried by the stealth F-35A fighter jet, the US Department of Energy's Sandia National Laboratories.
- As per the reports released by the lab, the test was conducted from August 19 to August 21 at the Tonopah Test Range in Nevada with support from Hill Air Force Base in Utah.
- The tests saw inert units of the B61-12 successfully released from the F-35A aircraft, confirming the end-to-end performance of the aircraft, aircrew, and weapon under operational conditions.
- The US National Nuclear Security Administration (NNSA), in collaboration with Sandia National Laboratories, described the trials as the only B61-12 stockpile flight tests using joint test assemblies on the F-35 platform this year.
- An advancement to the B61 nuclear gravity bomb, deployed from the US Air Force and North Atlantic Treaty Organization bases since 1968, the B61-12 is a modification of the B61 and has an extended service life of at least 20 years.



Indian Army, IAF to Induct 16 Indigenous Drone

- At a time when Indian armed forces are looking to strengthen their capabilities against enemy drones, the Indian Army and the IAF are going to place orders for 16 indigenous drone detection and interdiction systems, which would be capable of hitting unmanned aerial systems at 2 kms with laser and disable them.
- The Defence Ministry is likely to clear the Defence Research and Development Organisation's Integrated Drone Detection and Interdiction System (Mark 2), which has the capability of hitting enemy drones with laser beams at 2 kms.
- The 10 Kilowatt laser beam would double the distance at which they can engage drones with laser, as the first system was capable of targeting at around 1 kms only.
- The DRDO is developing long-range laser-based drone detection and interception systems, as the Pakistanis used a large number of drones in the Operation Sindoor against Indian targets, which were foiled in a big way.
- The DRDO has also successfully test-fired the direct energy weapon system, which can target systems at 5 kms and is carrying out its trials with the involvement of the Indian defence forces. The 5 km strike capability will be achieved by a 30-kilowatt laser-based direct energy weapon.
- India, for the first time this April, showcased its capability to shoot down fixed-wing aircraft, missiles, and swarm drones using a 30-kilowatt laser-based weapon system.



'Mahe' To Be Commissioned on Nov 24

- Anti-submarine warfare shallow-water craft 'Mahe', equipped with torpedoes, multi-functional anti-submarine rockets and advanced radars and sonars, is set to be commissioned into the Indian Navy on November 24.
- The first of the eight Anti-submarine warfare shallow water craft (ASW SWC) being built by the Cochin Shipyard Limited (CSL) is named after Mahe, the historic port town in Puducherry, and symbolises India's rich maritime heritage.
- With more than 80 per cent indigenous content, the Mahe-class showcases India's growing mastery in warship design, construction and integration, it said.
- Named after the historic coastal town on the Malabar Coast, the ship's crest features an 'Urumi', the flexible sword of 'Kalarippayattu', a martial art from Kerala, symbolising agility, precision, and lethal grace, the Navy said.



Ajeya Warrior: Counter-Terror Exercise

- The **8th edition** of the biennial joint bilateral Exercise Ajeya Warrior between the Indian Army and the British Army conducted from November 17 to 30 at the Mahajan Field Firing Ranges, Rajasthan, an official said on Sunday.
- "The exercise aims to strengthen operational synergy in joint Counter-Terrorism operations in a semi-urban environment under Chapter VII of the #UN mandate," said the Additional Directorate General of Public Information, IHQ of Ministry of Defence (Army) in a statement.
- The 14-day joint exercise reflects the shared commitment of India and the United Kingdom towards global peace and security, while further deepening

defence cooperation, camaraderie and mutual trust between both armies, said the MoD

- Earlier, the MoD shared information on Saturday about "**Exercise Poorvi Prachand Prahar**" the Eastern Command of the Indian Army.
- The exercise aimed for validation of new capabilities with IAF, Indian Navy, ITBP and a host of agencies - executed as one force, it said.



REVIEW QUESTIONS

1. The Sapta Shakti Command's recent exercise was conducted at which location?

- A. Pokhran Range
- B. Mahajan Field Firing Range
- C. Rann of Kutch
- D. Babina Cantonment

ANSWER: B

2. The B61-12 nuclear gravity bomb was recently tested using which aircraft?

- A. F-22 Raptor
- B. B-2 Spirit
- C. F-35A Lightning II
- D. F-16 Fighting Falcon

ANSWER: C

3. The DRDO's Integrated Drone Detection and Interdiction System (Mark-II) can destroy drones using a laser up to what range?

- A. 500 meters
- B. 1 km
- C. 2 km
- D. 5 km

ANSWER: C

4. The Indian Navy's shallow-water craft 'Mahe' is being built by which shipyard?

- A. Garden Reach Shipbuilders
- B. Larsen & Toubro
- C. Cochin Shipyard Limited
- D. Mazagon Dock Shipbuilders

ANSWER: C

5. Exercise Ajeya Warrior is a bilateral military exercise between India and which nation?

- A. United States
- B. France
- C. Australia
- D. United Kingdom

ANSWER: D

6. INS 'Vikrant' Is Designed & Built By

- A. Indian Navy & DRDO
- B. Boeing & Indian Navy
- C. DRDO & MDL
- D. Warship Design Bureau & CSL

ANSWER: D

7. Defence Research & Development Laboratory Hq Is In

- A. Hyderabad
- B. New Delhi
- C. Kochi
- D. Mumbai

ANSWER: A

8. Lieutenant Commander Of the Indian Navy Is Equivalent to Which Rank Of IAF?

- A. Squadron Leader
- B. Major
- C. Group Captain
- D. Flying Officer

ANSWER: A

9. Which Is The Capital Of Uzbekistan?

- A. Moscow
- B. Dodoma
- C. Tashkent
- D. Dushanbe

ANSWER: C

10. Ex 'DESERT EAGLE' Conducted b/w India &

- A. Qatar
- B. Oman
- C. UAE
- D. Maldives

ANSWER: C

11. Naib Subedar Jeremy Lalrinnunga Is Related With

- A. Table Tennis
- B. Cricket
- C. Boxing
- D. Weightlifting

ANSWER: D

12. What Is The Highest Commissioned Rank Awarded In The IAF?

- A. Air Marshal
- B. Air Chief Marshal
- C. Wing Commander
- D. Admiral

ANSWER: B

13. Rashtriya Raksha University Is In

- A. Gandhinagar

- B. Mumbai
- C. New Delhi
- D. Chennai

ANSWER: A

14. The Zorawar Is A

- A. Tank
- B. Machine Gun
- C. UAV
- D. Fighter Jet

ANSWER: A

15. Current Scientific Advisor To The Defence Minister Is

- A. Rakesh Sinha
- B. S. Somnath
- C. G. Sateesh Reddy
- D. Samir Kamat

ANSWER: C

16. The Current Chairman Of DRDO Is

- A. Rakesh Sinha
- B. S. Somnath
- C. G. Sateesh Reddy
- D. Samir Kamat

ANSWER: D

17. Havildar Achinta Sheuli Is Related With

- A. Archery
- B. Weightlifting
- C. Judo
- D. Football

ANSWER: B

18. Ex SHAKTI, Ex VARUNA, GARUDA India conducted with

- A. USA
- B. Sweden
- C. France
- D. None of the above

ANSWER: C

19. ___Is India's 3rd Highest Military Decoration Award.

- A. PVC
- B. MVC
- C. Veer Chakra
- D. Kirti Chakra

ANSWER: C

20. Motto of THE MARATHA LIGHT INFANTRY REGIMENT

- A. Parakramo Vijayate
- B. Assam Vikram
- C. Yudhaya Krit Nishchaya
- D. Duty, Honour, courage

ANSWER: D

